

## IMPROVEMENTS TO 3D STEREOSCOPIC SHUTTER GLASS SYSTEM

### ABSTRACT OF THE DISCLOSURE

A first embodiment of the invention permits an extension of battery life through detection of the display synchronization signals of a computer and a power management system. The power management system also eliminates need for batteries through use of a 5V power source from pin 9 of the VGA port. A second embodiment improves the ease of use and the utility of the 3D system through removable glasses with improvements over the previous design. These embodiments have improved manufacturability through the use of design that is tolerant of poor quality, low cost components with low electrical tolerances